



EVRoaming Foundation

Realising cross-border charging

News Flash

The latest news about charging station accessibility, roaming and OCPI



New Board Members

During the EVRoaming Foundation Face to Face event in June, the seats of the board have been changed. After being a Board member from the start of EVRoaming Foundation, Freshmile/Rexel decided to step down and make their seat available for new organizations. We thank Arnaud Mora for his time, first as chairman and later as board member and his successor Julien Neuschwander for their commitment to the foundation.

Two new companies and representing persons joined the board. We welcome Matthew Penny from Octopus Energy and Wilhelm Henriksson from Plugsurfing as new board members and we look forward working together.

INTRODUCTION NEW BOARD MEMBER:

**Wihelm Henriksson -
Plugsurfing**



Q1: what is your current involvement and experience with OCPI?

As Plugsurfing is a pure eMSP solution provider, our business lives and dies with roaming. For this reason, we have a strong dedication to OCPI as the leading EV roaming protocol and constantly engage with CPOs to make sure we interpret this common language in the same way. I first came in close contact with OCPI when I previously worked as a product manager in our roaming team. Since then, there likely hasn't been a single working day where I have not mentioned OCPI.

Q2: what has driven you to join the EVRoaming Board?

I believe that the EVRoaming Foundation is a fundamental player in improving e-mobility, both for drivers and charging businesses. As a driver I want to be sure I can start sessions on any charger regardless of if I pay directly with a card or through an eMSP app. Likewise, as a CPO or eMSP I want to be sure the communication between charger and driver runs seamlessly so that the driver can have a good experience, tell her friends how easy it is to charge in public and not call customer support.

Q3: what is your ambition/vision for EVRoaming and OCPI for the coming years?

Global OCPI dominance is a given and to ensure that I look forward to continuing the work of designing OCPI 3.0 to be the best OCPI version by far, leveraging the learnings we have made in the recent years. Considering the time to market for new versions I am also thinking in line with Matt on the need for sharing best practices and common issues currently faced. I think the tariff whitepaper was a great initiative, but maybe we can also find some lighter format which is easier to produce. This could for example be a "monthly issue" shared by any member in an email format to bring awareness and alignment across the community, e.g. "Mastering the Last_updated field – the key to quality and efficient data exchange".

INTRODUCTION NEW BOARD MEMBER:

**Matthew Penny -
Octopus Energy - Electroverse**



Q1: what is your current involvement and experience with OCPI?

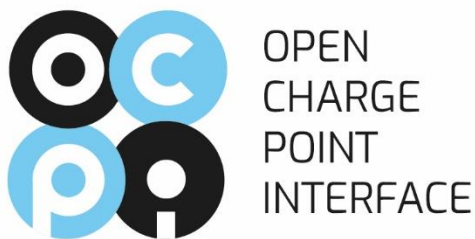
I've led Electroverse's technical integrations team for the past 3 years and used the OCPI protocol to connect our MSP platform with hundreds of CPO networks. During this time, I've gained hands-on experience implementing, testing and utilising multiple OCPI versions. My role has also extended to promoting and supporting adoption of the protocol by global partners and contributing to future protocol developments via the EVRoaming Foundation.

Q2: what has driven you to join the EVRoaming Board?

I'm a car enthusiast and believe electric vehicles are the future of personal transport. Having made the switch myself, I want to help remove barriers to adoption - making public charging quick, seamless and open is essential in improving the user-experience for EV drivers. I believe the EVRoaming Foundation and OCPI protocol are central to achieving this goal of creating the EV charging ecosystem of the future, which makes a board position extremely important and exciting.

Q3: what is your ambition/vision for EVRoaming and OCPI for the coming years?

My goal is to see OCPI become the global standard used for reliable communication between parties in the eMobility industry. I also believe the EVRoaming Foundation can become the go-to source for industry information, support and best-practices. Together, this will help drive the adoption of EVs, create a greener energy system and set an example of effective collaboration for the adoption of future clean energy technologies.



OCPI update

OCPI 3.0 - Status

OCPI 3.0 is coming this year. Since several years the EVRoaming Foundation together with their Contributors is working on a major update of OCPI. Important improvements are in how messages are shared to better support dynamic data changes for charge stations and the huge amounts of CDR exchanges between parties. Also, the tariff module improved with more ways to create individual tariffs, and meanwhile prevent huge amounts of double tariffs. This is done by introduction of tariff associations.

Support the ability to identify charge station meant for different vehicle types and all kind of smart charging services are also part of OCPI 3.0. Also, documentation and implementation support is improved offering OpenAPI services. Final draft version is being prepared now and it is the goal to officially release 3.0 the end of this year.

A standard way of sharing booking information for Heavy Duty Vehicles

Electric trucks and other Heavy Duty Vehicles (HDV) are introduced in the EV market quickly. They have to deal with fixed delivery time slots, rest moments for the drivers and other strict regulations. This requires that they have a certainty that they can charge their trucks with the right power on the right moment. To support HDV challenges the EVRoaming Foundation setup a HDV Work Group with a HDV Booking Task group. Currently several reservation systems for truck charging are developed, all with their own connections and messages. With this initiative the EVRoaming Foundation fullfills the need to create a standardized message system for this. Many HDV manufacturers and CPOs and MSPs focussed on supporting this are already part of it. First Business and Use Cases are being finalized and will be shared with the market. After this the OCPI development WG will discuss, agree and implement the required changes to support this.

If you want to join this HDV Work Group and Booking Task Group, you can do that by becoming a Full Contributor of the EVRoaming Foundation – sent a message to: operations@evroaming.org or check the website.

OCPI 2.2.1 Test tool and certification – available Q4 2024

OCPI is used all over the world as the de-facto standard for roaming and communication with all kinds of parties. To support better implementations, but also to be able to prove that a company has implemented OCPI in the right way – as demanded by certain governments, a test and certification tool is developed for OCPI 2.2.1. The test tool can be used during development and as part of the certification. The services and tools will be available for everyone. Release is foreseen in Q4 this year. If you are interested in this tool and certification, let us know via operations@evroaming.org with your contact details to ensure you get the latest information. Or keep track of this news flash which will also inform you in following editions.

Join a workgroup

If you want to join the workgroups for Logistics (HDV Booking), OCPI development or other activities, please join the EVRoaming Foundation.

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The EVRoaming Foundation manages and maintains the OCPI protocol and ensures its free availability, to guarantee roaming according to open standards for any EV driver.

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